

Measuring the Amount of Fluorine Contained in
Raw Material Mixtures and Clinker, by I. Bogdanova.
RUSSIAN, per, Tsement, Vol 25, No 3, 1959, pp 8-27
OSIRO/No 6780

Sci -
Aug 67

335,150

(NY-2800/12).

USSR Cement Industry in 1959, 6 pp.

RUSSIAN, per, Tsement, No 1, 1960, pp 1-4.

JPRS 2740

USSR
Econ - Construction
Jun 60

117,568

(NY 2800/16).

Pay More Attention to Cement Plant Construction. 2 pp.

RUSSIAN, per, Tsement, No 3, 1960, pp 1-3.

*JPRS 5734

USSR

Econ.

8 Aug 60

(NY-2802/12).

Implement Successfully the Decisions of the Central
Committee [Concerning the Building Materials Industry] 2/7

RUSSIAN, per, Tsement, No 4, Jul/Aug 1960, pp 1, 2.

JPRS

7414

USSR

Econ

5 Oct 60

(NY-2800/20)

Accelerated Technical Progress in the Cement
Industry, 4 pp.

RUSSIAN, per, Tramant, No 5, Sep/Oct 1960,
pp 1-5.

JPRS 7920

USSR

Econ

Mar 61

144,729

Luginina, I. G.
BESONDERHEITEN DER BILDUNG VON KALZIUMSILI-
KATEN BEI SCHNELLEM ERHITZEN (Particularities
of the Formation of Calcium Silicates at Fast Heating).
5 p. (text in German).
Order from T.I.B. \$1.40

Trans. of Tsentr. (SSR) 1960. v. 25, no. 5,
p. 21-24.

DESCRIPTORS: *Silicates, Calcium compounds.

62-27644

- I. Luginina, I. G.
- II. T.I.B.
- III. Technische Informations-
bibliothek Hannover.

Office of Technical Services

Kogan, I. S. and Gol'dshtein, I. Ya.
QUELQUES PROPRIÉTÉS DES CIMENTS FONDUS
(O Nekotorykh Svoystvakh Plaviynykh Tsementov)
(Some Properties of Fused Cements). 18p. (foreign
text included) CNRS-VI 566.
Order from OTS, ETC or CNRS: \$1.60 TT-62-28698

Trans. in French of Tsement (USSR) 1960, v. 26,
no. 2, p. 7-13.

DESCRIPTORS: *Cements, Melting, Crystallization,
Mechanical properties.

(Materials, TT, v. 11, no. 9)

TT-62-28698

I. Kogan, I. S.
II. Gol'dshtein, I. Ya.
III. CNRS-VI 566
IV. Centre National de la Recherche
Scientifique, Paris

Office of Technical Services
European Translations Centre

Bokshstein, S. Ya.
UBER EINEN TYPI DES UML AUFLASSIFIKATORS
(A New Type of a Circulation Classifier). 4p. (text
in German).
Order from T.I.B. \$1.40

Trans. of Tserent (USSR) 1961, 26, no. 2,
p. 26-28.

DESCRIPTORS: *Elements, *Separation.

62-27016

- I. Bokshstein, S. Ya.
- II. T.I.B.
- III. Technische Informationsbibliothek Hannover.

Office of Technical Services

Val'berg, G. S., Zagorodnii, N. S. and others.
SAUERSTOFFANREICHERUNG DER LUFT BEIM
BRENNEN DES KLINKERS IN SCHACHTÖFEN (Oxygen
Concentration in the Air at Burning of Clinkers in
Shaft Kilns). 10p. (text in German).
Order from T.I.B. \$1.55

Trans. of Tsement (USSR) 1960, v. 26, no. 3, p. 3-8.

DESCRIPTORS: Air, *Cements, *Brick, Oxygen,
Sintering furnaces.

62-27011

- I. Val'berg, G. S.
- II. Zagorodnii, N. S.
- III. T.I.B.
- IV. Technische Informations-
bibliothek Hannover.

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Ersbov, L. D.
ZEMENT AUS FLÜSSIGEN SCHLACKEN (Cement
Produced from molten Slags). - p. (text in German).
Order from T.I.B. Sl. II.

Transl. of Tsement (USSR) 1960, v. 26, no. 3,
p. 14-16.

DESCRIPTORS: *Cements, *Slags, *Blast furnaces.

62-27017

I. Ersbov, L. D.
II. T.I.B.
III. Technische Informations-
bibliothek Hannover.

Office of Technical Services

Some Problems on the Heat Evolution of Hardened
Cements, by Ts. G. Ginzburg, V. V. Kind, 9 pp.

RUSSIAN, per, Tsement, Vol XXVI, No 4, 1960,
pp 11-15.

Natl Bu Stand

OTC 167-112-4

Sci - Phys

219,183

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Strelkov, M. I., Kryzhanovskaya, I. A. and others.
KONTINUIERLICHES VERFAHREN ZUR AUFBEREITUNG VON ROHMESCHUNGEN ALS GRUNDLAGE EINES VOLLAUTOMATISCHEN ZEMENTWERKES (Continuous Process at the Preparation of Raw Mixtures as Basis of a Fully Automatic Cement Factory). 9p. (text in German). Order from T.I.B. \$1.55

Trans. of Tsener (USSR) 1960, v. 26, no. 5, p. 14-18.

DESCRIPTORS: Cements, Mixtures, Preparation.

62-27012

I. Strelkov, M. I.
II. Kryzhanovskaya, I. A.
III. T.I.B.
IV. Technische Informationsbibliothek Hannover.

Office of Technical Services

Denyakin, Z. A. and Kabanov, V. S.
FEINMAHLUNG VON KREIDE-TEIG-SCHLAMM IM
DURCHELASSDESINTEGRATOR (Fine Grinding of
Chalk-clay Slurries in Disintegrators). 5p. (text in
German).
Order from T.I.B. \$1.40

Trans. of Tsement (USSR) 1960, v. 26, no. 4
p. 22-24.

DESCRIPTORS: Milling machines, Clays.

62-27015

- I. Denyakin, Z. A.
- II. Kabanov, V. S.
- III. T.I.B.
- IV. Technische Informations-
bibliothek Hannover

Office of Technical Services

Toropov, N. A. and Volkonskii, B. V.
POLYMORPHIC TRANSFORMATION OF $3\text{CaO} \cdot \text{SiO}_2$
AND THE INFLUENCE OF FERROUS OXIDE ON
 $3\text{CaO} \cdot \text{SiO}_2$ AND OTHER CLINKER MINERALS
(Polimorfnye Prevrascheniya $3\text{CaO} \cdot \text{SiO}_2$ i Vliyaniye
Zakisl Zheleza na $3\text{CaO} \cdot \text{SiO}_2$ i Drugie Klinkernye
Mineraly) tr. by G. N. Gibson. Mar 61 [6]p. 7 refs.
DSIR Library Communication no. 1041.
Order from OTS or SLA \$1.10

61-27055

Trans. of Tsement (USSR) 1960, v. 26, no. 6, p. 17-20.

DESCRIPTORS: Calcium compounds, *Silicates,
*Cements, Minerals, Crystal structure, Polymorphism,
Transformations, Iron compounds, Oxides.

Experiments show that tricalcium silicate exists in two
modifications. The transition to the high-temperature
modification takes place at 1375°C . The time required
for the disintegration of tricalcium silicate to free cal-
cium oxide and dicalcium silicate, at 1900°C , is about

61-27055

- I. Toropov, N. A.
- II. Volkonskii, B. V.
- III. LC-1041
- IV. Department of Scientific
and Industrial Research
(Gt. Brit.)

A 61 01.400-40

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Office of Technical Services

Bogdanova, I. V.
PHOTOMETRISCHE BESTIMMUNG DES KALZIUM-
GHALTES IN ZEMENTROHMSCHÜNGEN UND
KLINKER UNTER VERWENDUNG VON
KOMPLEXONEN (Photogrammetrical Analysis of the
Calcium Content in Cement Raw Mixtures and Clinkers
by using Complexons). 9p. (text in German).
Order from T.I.B. \$1.55

Trans. of Tsgment (USSR) 1960, v. 26, no. 6,
p. 27-29.

DESCRIPTORS: *Cement, *Chemical analysis, Photo-
meters, *Calcium, Laurates.

62-27033

- I. Bogdanova, I. V.
- II. T.I.B.
- III. Technische Informations-
bibliothek Hannover

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On the Hydration of the Alumina-Containing
Minerals of Portland Cement in the Presence of
Micro-Mixtures of Carbonates, by P. P. Budnikov,
et al.

RUSSIAN, per, Tsment, Vol XXVII, No 1, 1961,
pp 5-9.

NLA M. 4769

Sci - Chem

Jul 62

204,835

(NY-2800/24).

Measures to Accelerate Cement Industry Development,

RUSSIAN, per, Tsement, No 2, Mar/Apr 1961,
~~insert page.~~

*JPRS

USSR

Econ - Construction

26 May 61

Dependence of the Binding Properties of the
Clinker Minerals on Their Burning Temperature and
Crystal Structure, by Yu. M. Butt, V. V. Timashov.

RUSSIAN, per, Tsement, Vol XXVII, No 2, 1961,
pp 17-22.

HLL M. 4768

Sci - Phys

Jul 62

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Moroz, I. K. and Satarin, V. I.
BRIEF REVIEW OF THE CEMENT INDUSTRY IN
THE UNITED STATES. [1961] 7p.
Order from OTS or SLA \$1.10

61-20554

Trans. of Tsement (USSR) 1961 [v. 27] no. 2, p. 29-31.

DESCRIPTORS: *Cements, Production, Construction
materials industry.

(Materials, IT, v. 7, no. 7)

61-20554

I. Moroz, I. K.
II. Satarin, V. I.

Office of Technical Services

NY-2800

A NEW STAGE IN THE DEVELOPMENT OF THE
CEMENT INDUSTRY, 5 PP.

RUSSIAN, PER, TSEMENT, NO 3, MAY/JUN L961,
PP 2, 3.

JPRS 10331

USSR

NO ECON

172,333

Nov 61

Krykhin, G. S., Pirotskii, V. Z., and Royak, S. M.
EFFECT OF WATER ADDED AT THE MILL ON
THE CLINKER GRINDING PROCESS. [1963] 12p
Order from OTS or SLA \$1.60 63-20309

Trans. of Tsment (USSR) 1961, v. 27, no. 3, p. 4-8.

DESCRIPTORS: "Cements, Milling machines,
*Moisture, Temperature, Mechanical properties.

Test results are given of the effect of mill performance
of an addition of a water-air mixture to the last grinding
compartment of the mill, and of the temperature of
the clinker entering the mill. (Author)

(Materials, TT, v. 10, no. 12)

63-20309

1. Title: Clinker
- I. Krykhin, G. S.
- II. Pirotskii, V. Z.
- III. Royak, S. M.

Office of Technical Services

(NY-2800)

FOR ANOTHER UPSURGE IN THE CEMENT INDUSTRY,
BY Z. I. LOGINOV, 7 PP.

RUSSIAN, PER, TSEMENT, NO 5, 1961,
PP 3-5.

JPRS 12349

USSR
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FEB 62

162,203

(NY-2200)

The Need to Change the Current Prices of Cement,
by A. I. Lyusov, 7 pp.

RUSSIAN, per, Tsment, No 6, Nov/Dec 1961,
pp 17-19.

JPRS 12673

USSR
Econ
Mar 62

183, 410

(NY-2600)

Cement Industry in the Fourth Year of the
Seven-Year Plan, 4 pp.

RUSSIAN, per, Thematic, No 1, Jan/Feb 1962,
pp 1, 2

JPRS 13673

USBR
Econ
May 62

192, 472

(WE-2000)

Improving the Variety and Improving the
Quality of Cement, by E. I. Kholin, 7 pp.

RUSSIAN, per, Techent, No 1, Jan/Feb 1962,
pp 3-5.

JPRS 13673

USSR
Econ
May 62

195, 479

Determination of Slag and Gypsum in Cement by the
Thermographic Method, by N. B. Zavgorodniy.

RUSSIAE, per, Tsiment, No 2, 1962, pp 13-15.

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Sci - H/M
Ref - Gk

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Nelidov, V.A.
PERFECTIONNEMENT DE LA METHODE DE DETER-
MINATION DE LA SURFACE SPECIFIQUE DES POU-
DRES (Usoversheeniye Metoda Opredeleniya Udel-
noi Poverkhnosti: Poroshnov) (An Improvement in the
Method for Determining the Specific Surface of Dusts).
13p. (Foreign text included) 4 refs. GR-829
Order from OTS, ETC or CNRS \$0.80 TT-63-26918

I. Nelidov, V.A.
II. CNRS-GR-829
III. Centre National de la Recherche
Scientifique, Paris

Trans. in French of Tsensent (USSR) 1962, v. 28, no. 2,
p. 15-17.

DESCRIPTORS: *Particles, Atmosphere, *Surface area,
Measurement.

(Chemistry--Organic, TT, v. 11, no. 7)

Office of Technical Services
European Translation Centre

)NY-1840)

INTRODUCING THE COMPLEX AUTOMATION
OF CEMENT PRODUCTION, BY N. V. GONEBNIK,
A. F. RYBAKOV, 7 PP.

RUSSIAN, PER, TSEMENT, NO 3, MAY/JUN 1962,
PP 1-3.

JPRS 14930

USSR
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Automatic Control in the Burning of Clinker,
by I. K. Zadyuzhko, A. V. Loshchinskaya.

RUSSIAN, per, Tsament, Vol XXVIII, No 3,
1962, pp 3-7.

NLL RTS 2352
(loan copy)

Jul 64

Sychev, M. M. and Astakhova, M. A.
EFFECT OF FINENESS OF THE LIMESTONE COM-
PONENT ON THE BURNABILITY OF CEMENT RAW
MIXES. [1959] 6p. (figs.omitted) 1 ref.
Order from OTS or SLA \$1.10 63-10207

Trans. of Tsement (USSR) 1962 [v. 28] no. 3, p. 12-14.

DESCRIPTORS: *Cements, Mixtures, Combustion,
Calcium compounds, Carbonates, *Calcite, *Marble,
Particles.

(Materials, IT, v. 10, no. 2)

63-10207

I. Sychev, M. M.
II. Astakhova, M. A.

Office of Technical Services

FOR A MODEL ORGANIZATION OF REPAIR SERVICES IN THE
CEMENT INDUSTRY, 7 PP.

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JPRS 15372

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EXPLOIT THE POTENTIAL FOR INCREASING CEMENT
PRODUCTION, 7 PP.

RUSSIAN, PER, TSEMENT, NO 6, NOV-DEC 1962, PP 1-2

JPRS 18149

USSR
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MAR 63

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THE GROWTH OF THE CEMENT INDUSTRY BETWEEN 1963 AND 1965, 6 PP

RUSSIAN, PER, TSEMENT, NO 1, 1963, PP L-2

JPRS 19004

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MAY 63

230, 40

REDUCING LABOR EXPENDITURES AT THE BOL'SHEVIK
CEMENT PLANT, BY V. V. TRUSOV, 6 PP

RUSSIAN, PER, TSEMENT, NO 1, 1963, PP 4-6

JPRS 19004

USSR
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MAY 63

230,041

WAYS TO REDUCE THE MANUFACTURING COST OF CEMENT,
7 PP.

RUSSIAN, PER, TSEMENT, NO 2, 1963, PP 1-2.

JPRS 20500

USSR
ECON
AUG 63

238,491

SOME SOURCES FOR INCREASING CEMENT PRODUCTION, BY
G. M. BATEKHIN, 5 PP.

RUSSIAN, PER, TSEMENT, NO 3, 1963, MAY, PP 5, 6

JPRS 21468

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OCT 63

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AUTOMATION OF CEMENT PLANTS IN THE USSR, 8 PP.

RUSSIAN, PER, TSEMENT, NO 4, JUL-AUG 1963, PP 1, 2.

JPRS 21914

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Cement Production in the USSR, by V. I. Satarin,
7 pp.
RUSSIAN, per, Tsement, No 6, Nov-Dec 1963, pp 1, 2.
JPRS 24158

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Apr 64

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Rising Cement Production and Consumer Needs Call
for Further Specialization of Plants, by

A. N. Lyusov, 8 pp.

RUSSIAN, per, Tsement, No 6, Nov-Dec 1963, pp 4, 5.
JPRS 24158

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Apr 64

254, 398

Automatisk Kontroll Och Reglering Vid Vat-
malning AV Ramaterial, by Ya. E. Gelfand.
RUSSIAN, per, ~~ISSUED~~ Tsement, Vol 29,
No 6, 1963, p 12.
ETC TT-65-20022

Sed-Chem
Aug 66

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Tasks of the Cement Industry in the Accelerated
Growth of Chemical Industry, 6 pp.

RUSSIAN, per, Tsement, No 1, Jan-Feb 1964,
pp -1-3.

JPRS 24508

USSR

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May 64

259, 521

For Reduced Manufacturing Losses in the
Cement Industry, 5 pp.
RUSSIAN, per, Tsement, No 2, Mar, Apr 1964,
pp 1, 2.
JPRS 25716

USSR
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Aug 64

264,496

Cement Plant Production is Below Full Capacity,
by I. K. Moroz, 6 pp.
RUSSIAN, per, Tsement, No 3, May, Jun 1964, pp 1, 2.
JPRS 27061

USSR
Econ
Dec 64

270,175

For Improved Capital Investment Procedures in the
Cement industry, by L. Yu. Astanskiy, ~~8 pp.~~
Ya. A. Rekitar, et al, 8 pp.
RUSSIAN, per, Tsement, No 3, May, Jun 1964, pp 15, 16.
JPRS 27061

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Quality of Cement, 6 pp.

RUSSIAN, per, Tsement, No 4, Jul/Aug 1964,
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Excerpts From: Cement and Fine Ground Admixtures
Manufactured at Construction Sites, by V. I.
Soroker, A. N. Popov, 23 pp.

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Dobavki Postroyechnogo, Moscow, 1950, pp 5-12,
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Price and Value in a Socialist Economy,
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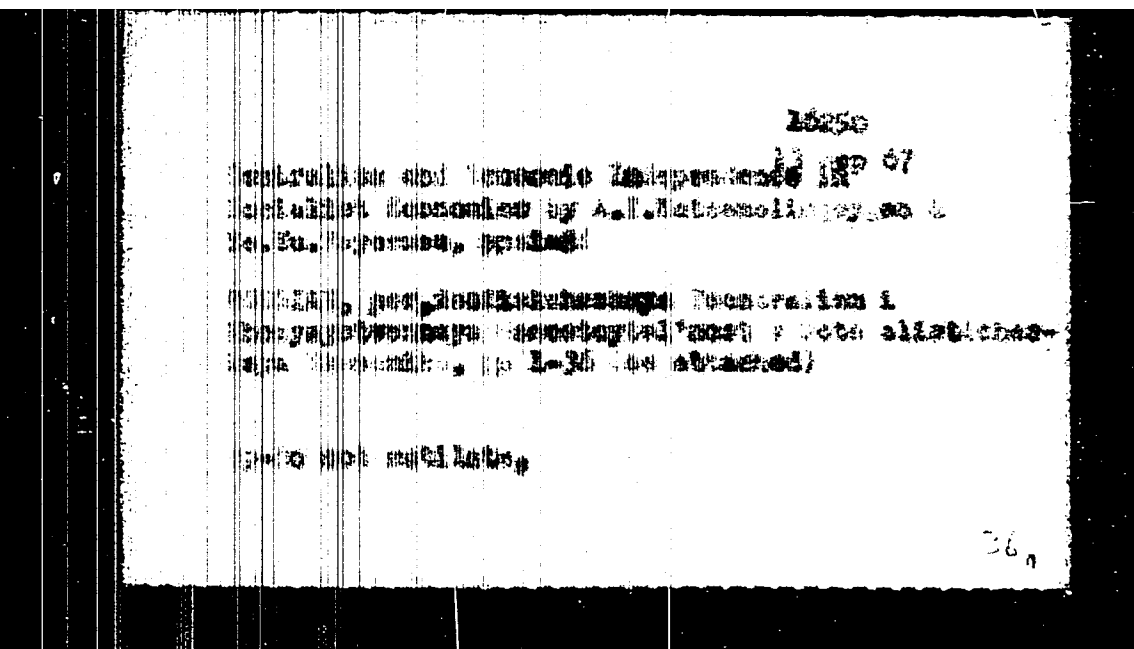
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JPRS 14389

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JPRS 3420

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KOD 3744, br. TSGV, br. TSGV, br. TSGV,
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Effects of Radial and Peripheral Nonuniformity of
Flow on the Characteristics of the Stages of an
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